



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D4121-1**  
**Job Sheet 182452**



Part No: D4121-1

Job Qty: 6 ea

Part Name: Hose Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/24/18

Job Tracking No:

Due Date: 8/31/18

Created By: Diane Baker

Type: Stock

Description:

Note: DWG REV D IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C 11.11.16 AS PER DWG REV.D DD VERF:EC

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                       |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|--------------------------------|
|       |            |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                                |
| 100   | Purchasing | 6 pcs |            | 8/31/18  | 0.00      | 0.00    | Purchasing            |           | <i>[Signature]</i> AUG 30 2018 |
| 110   | Packaging  | 6 pcs |            | 8/31/18  | 0.00      | 0.00    | Packaging2            |           | <i>[Signature]</i> AUG 30 2018 |
| 120   | QC         | 6 pcs |            | 8/31/18  | 0.00      | 0.00    | QC6                   |           | <i>[Signature]</i> 38          |
| 130   | Small Fab  | 6 pcs |            | 8/31/18  | 0.00      | 0.40    | Small Fab-5           |           | <i>[Signature]</i> 9-88 DAS    |
| 140   | QC         | 6 pcs |            | 8/31/18  | 0.00      | 0.00    | QC5                   |           | <i>[Signature]</i> 38          |
| 150   | Packaging  | 6 pcs |            | 8/31/18  | 0.00      | 0.00    | Packaging3-2          | 572 13 00 | SEP 06 2018                    |
| 160   | QC21-SA    | 6 Ea  |            | 8/31/18  | 0.00      | 0.00    | QC21                  |           | <i>[Signature]</i> 18 09 07    |

Part Op 100 - Create D2729-1 label and include with W/O Issue P/O: 040542 Hose Assembly as per Dwg D4121  
Descriptions: Possible Supplier: API  
110 - Ensure Material Release Note is attached  
130 - Install D2729-1 as per Dwg D4121 using D2182-045 Heat Shrink Batch: \_\_\_\_\_  
AUG 24 2018 *[Signature]*

### Job BOM

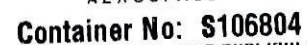
| Part / Item   | Component Name           | Quantity     | Operation      | Container      |
|---------------|--------------------------|--------------|----------------|----------------|
| 156003-6D0274 | Hose Assembly            | 6 pcs (1 ea) | 100-Purchasing | <u>5106803</u> |
| D2182-045     | Heat Shrink 4.5" Long    | 6 Ea (1 ea)  | 130-Small Fab  | <u>5097357</u> |
| D2729-1       | Part Id Label (Re-Issue) | 6 pcs (1 ea) | 130-Small Fab  |                |

### Job Allocations

| Operation      | Component Part | Required | Inventory | Allocated |
|----------------|----------------|----------|-----------|-----------|
| 100-Purchasing | 156003-6D0274  | 6        | 0         | 0         |
| 130-Small Fab  | D2182-045      | 6        | 12        | 0         |
|                | D2729-1        | 6        | 0         | 0         |

### Part Specifications

Specifications could not be found.



TEL.: 1 613 652-5200  
Email: [sales@dartaero.com](mailto:sales@dartaero.com)  
[www.dartaerospace.com](http://www.dartaerospace.com)

Container No. 3168864

Job No: 182452

**Serial No/Batch: S106804**

Revision:

Inspector:

Exp Date:

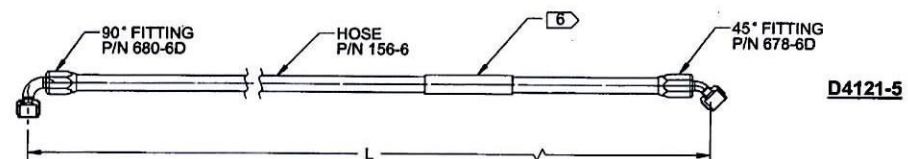
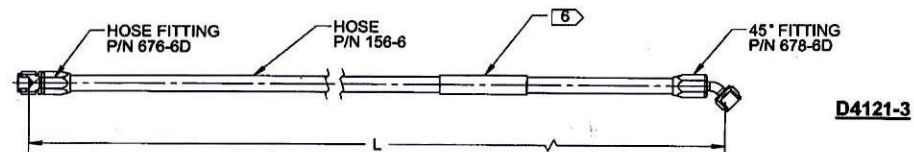
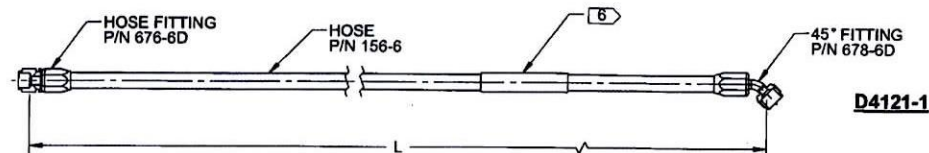
Exp Date: \_\_\_\_\_  
Instructions: Various STC's

Date: 08/30/18

8 7 6 5 4 3 2 1

| HOSE SPECIFICATION |                 |            |        |
|--------------------|-----------------|------------|--------|
| DART P/N           | STRATOFLEX P/N  | VENDOR     | L      |
| D4121-1            | 156003-6D0274   | API/ AVIAL | 27.50  |
| D4121-3            | 156003-6D0590   | API/ AVIAL | 59.00  |
| D4121-5            | 156062D1054D000 | API/ AVIAL | 105.50 |

D



RELEASED  
2011-11-16

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

| D          | P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)                                                                                                                         | RF                                                                                                                                                                                                                                                                       | 11.11.14     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| C          | ADD P/N 156062D1054D000 TO D4121-5                                                                                                                                    | RF                                                                                                                                                                                                                                                                       | 11.07.27     |
| B          | P/N 678-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 678-6D WAS 678-6S (ZN D8-1, C3-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8 | RF                                                                                                                                                                                                                                                                       | 11.03.07     |
| A          | NEW ISSUE                                                                                                                                                             | RF                                                                                                                                                                                                                                                                       | 10.09.16     |
| REV.       | DESCRIPTION                                                                                                                                                           | BY                                                                                                                                                                                                                                                                       | DATE         |
| DESIGN     | RF                                                                                                                                                                    | <b>DART AEROSPACE USA, INC.</b><br>KENT, WA                                                                                                                                                                                                                              |              |
| DRAWN      | RF                                                                                                                                                                    |                                                                                                                                                                                                                                                                          |              |
| CHECKED    | RF                                                                                                                                                                    | DRAWING NO.                                                                                                                                                                                                                                                              | REV. D       |
| MFG. APPR. | RF                                                                                                                                                                    | D4121                                                                                                                                                                                                                                                                    | SHEET 1 OF 1 |
| APPROVED   | RF                                                                                                                                                                    | TITLE                                                                                                                                                                                                                                                                    | SCALE        |
| DE APPR.   | RF                                                                                                                                                                    | HOSE ASSEMBLIES                                                                                                                                                                                                                                                          | NTS          |
| DATE       | 11.11.14                                                                                                                                                              | COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMERCE OR TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC. |              |

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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO040842**

**Supplier:** AVI002-VU  
Aviall  
PO BOX 842267  
Dallas, TX 75284-2267 USA  
Phone: 905-676-1695  
Fax: 905-676-9046

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO040842  
**PO Date:** 8/24/18  
**Due Date:** 8/31/18

**Purchase Order**  
**Revision:**

**Revision Date:**

**Ship-To Contact:** Baker, Diane  
Phone: dbaker@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
AUG 29 2018

*Revised*

| Items     |        |                                     |                  |                                                |        |         |          |                |                   |          |                  |                |
|-----------|--------|-------------------------------------|------------------|------------------------------------------------|--------|---------|----------|----------------|-------------------|----------|------------------|----------------|
| Line Item | Job    | Part                                | Supplier Part No | Description                                    | Status | Account | Due Date | Order Quantity | Received Quantity | Balance  | Unit Price (USD) | Extended Price |
| 1         | 182452 | 156003-6D0274<br><b>DAS 61 9-89</b> | 156003-6D0274    | Hose Assembly D4121-1 As per Dwg D4121 Rev. D. | Firmed | -       | 8/31/18  | 6 pcs          | 0 pcs             | 6 pcs    | \$242.64/pcs     | \$1,455.84     |
| 2         | 182388 | 3M8681-4                            | 021200-24987     | Abrasion Strip 4" D2856-400 clear              | Firmed | -       | 8/31/18  | 216 ft         | 0 ft              | 216 ft   | \$7.23555/ft     | \$1,562.88     |
| 3         |        | AN3-10A                             | 100/pk           | Bolt                                           | Firmed | -       | 8/31/18  | 200 Ea         | 0 Ea              | 200 Ea   | \$0.10/Ea        | \$20.00        |
| 4         |        | AN3-17A                             |                  | Hex Head Bolt                                  | Firmed | -       | 8/31/18  | 50 Ea          | 0 Ea              | 50 Ea    | \$0.14/Ea        | \$7.00         |
| 5         |        | AN4-14A                             | AN4-14A          | Bolt                                           | Firmed | -       | 8/31/18  | 300 Ea         | 0 Ea              | 300 Ea   | \$0.18/Ea        | \$54.00        |
| 6         |        | AN4-17A                             | AN4-17A          | Bolt                                           | Firmed | -       | 8/31/18  | 100 Ea         | 0 Ea              | 100 Ea   | \$0.24/Ea        | \$24.00        |
| 7         |        | AN4-42A                             |                  | Bolt                                           | Firmed | -       | 8/31/18  | 100 Ea         | 0 Ea              | 100 Ea   | \$0.9702/Ea      | \$97.02        |
| 8         |        | CB91                                |                  | Acrylic Adhesive, 3.5G                         | Firmed | -       | 8/31/18  | 40 pcs         | 0 pcs             | 40 pcs   | \$3.85/pcs       | \$154.00       |
| 9         |        | MS20470AD4-4                        |                  | Rivet, Universal Head                          | Firmed | -       | 8/31/18  | 6,207 Ea       | 0 Ea              | 6,207 Ea | \$0.0086756/Ea   | \$53.85        |
| 10        |        | MS21919WCH16                        |                  | Clamp                                          | Firmed | -       | 8/31/18  | 20 Ea          | 0 Ea              | 20 Ea    | \$1.03/Ea        | \$20.60        |
| 11        |        | MS21919WCH4                         |                  | Clamp                                          | Firmed | -       | 8/31/18  | 40 Ea          | 0 Ea              | 40 Ea    | \$0.70/Ea        | \$28.00        |
| 12        |        | NAS1149C0532R                       |                  | Washer                                         | Firmed | -       | 8/31/18  | 300 Ea         | 0 Ea              | 300 Ea   | \$0.0305/Ea      | \$9.15         |
| 13        |        | NAS43DD3-68                         |                  |                                                | Firmed | -       | 8/31/18  | 50 Ea          | 0 Ea              | 50 Ea    | \$0.15/Ea        | \$7.50         |



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# PURCHASE ORDER

## PO040842

| Items        |     |               |                  |              |        |         |          |                |                   |          |                  |                |
|--------------|-----|---------------|------------------|--------------|--------|---------|----------|----------------|-------------------|----------|------------------|----------------|
| Line Item    | Job | Part          | Supplier Part No | Description  | Status | Account | Due Date | Order Quantity | Received Quantity | Balance  | Unit Price (USD) | Extended Price |
|              |     |               |                  | Spacer       |        |         |          |                |                   |          |                  |                |
| 14           |     | MS20600-AD4W4 |                  | Rivet        | Firmed | -       | 10/1/18  | 3,000 Ea       | 0 Ea              | 3,000 Ea | \$0.26/Ea        | \$780.00       |
| 15           |     | 20NR-07A      | AN17-34          | Lifting Bolt | Firmed | -       | 9/14/18  | 2 Ea           | 0 Ea              | 2 Ea     | \$67.00/Ea       | \$134.00       |
| Grand Total: |     |               |                  |              |        |         |          |                |                   |          |                  | \$4,407.84     |

### Order Notes

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A016 PERSONNEL QUALIFICATION  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A032 DOCUMENT SPECIAL REQUIREMENTS  
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS  
A040 NOTIFICATION OF QUALITY ESCAPE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENTS  
  
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM  
  
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 8/29/18 3:17 PM dart.baker.diane





## PACKING LIST



DELIVERY NUMBER: 8006288890

ROUTE: US FedEx International Priority

PAGE:1 of 1

DATE:28AUG18

TIME:13:41:22

EMP:00015007

ORD TYP: ZOR 132

CURRENCY:USD

TERMS:Net 30

CUSTOMER PO:PO040842  
ORDER NUMBER:1004364135  
ORDER DATE:27AUG18

B 10003951  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
CANADA  
T  
O

S 10003951  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
CANADA  
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O

S 1009  
H AVIALL DALLAS HOSE SHOP  
I DALLAS HOSE SHOP  
P 2755 REGENT BLVD  
DFW AIRPORT TX 75261  
USA  
F  
R  
O  
M

| LINE  | PO LINE | MFG | ITEM DESCRIPTION                              | ORDER QUANTITY | SHIP QUANTITY | QUANTITY BACK ORDER | UOM |  | CUSTOMER PRICE | EXTENDED CUSTOMER PRICE |
|-------|---------|-----|-----------------------------------------------|----------------|---------------|---------------------|-----|--|----------------|-------------------------|
| 00010 | 0       | 1S  | 156003-6D0274<br>HOSE: MED<br>PRESSURE,RUBBER | 6              | 6             | 0                   | EA  |  | 242.64         | 1,455.84                |
|       |         |     | BATCH 100169564                               |                | 6             |                     |     |  |                |                         |

**This is not an Invoice.**  
**For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

28AUG18  
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY



Hose Shop 2755 Regent Blvd, Dfw Airport, TX 75261

Phone: 972-586-1380

Fax: 972-586-1381

WWW.AVIALL.COM

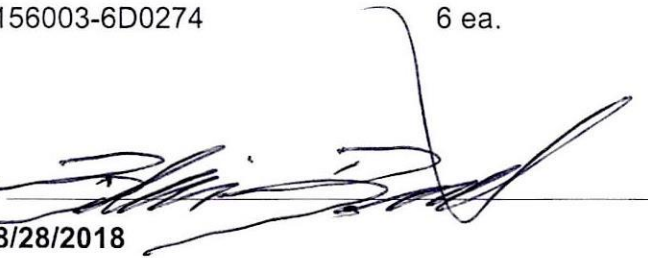
## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such parts and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1004364135

0010: 156003-6D0274

6 ea.

Signed: 

Date: 08/28/2018

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.